

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S1 | 1373 | generat\$3 same (file\$1 with (identification id)) same server | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:24 |
| S2 | 1 | generat\$3 same (file\$1 with (identification id)) same (virtual near server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:24 |
| S3 | 8 | generat\$3 same (file\$1 with (identification id)) same (virtual near3 server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:28 |
| S4 | 395 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:43 |
| S5 | 82 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (database (data near base)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:50 |
| S6 | 0 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (database (data near base)) same inode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:50 |
| S7 | 3 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same inode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:51 |
| S8 | 157 | (install\$3 stor\$3) same (virtual same (metadata and storage)) same server | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:52 |

EAST Search History

| | | | | | | |
|-----|----|--|--|----|----|------------------|
| S9 | 51 | (install\$3 stor\$3) same (virtual same (metadata and storage)) same server same database | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:32 |
| S10 | 6 | S9 and 707/1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:33 |
| S11 | 8 | S9 and 707/10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:34 |
| S12 | 3 | S9 and 707/104.1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:34 |
| S13 | 2 | S9 and 707/200 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:34 |
| S14 | 49 | S4 and 707/200 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:41 |
| S15 | 8 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (virtual near5 server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:36 |
| S16 | 33 | S4 and 707/1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:38 |
| S17 | 59 | S4 and 707/10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:39 |

EAST Search History

| | | | | | | |
|-----|----|---|--|----|----|------------------|
| S18 | 13 | S4 and 707/104.1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:39 |
| S19 | 1 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same ("no interruption" or no\$1interruption (no near3 (disruption down-time))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:45 |
| S20 | 18 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (id identification same inode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:46 |
| S21 | 1 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (id identification) same inode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:47 |
| S22 | 3 | (federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same inode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:48 |
| S23 | 1 | ((federation adj layer) same (local near3 client) same (plurality near3 distributed adj clients)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:49 |
| S24 | 0 | (generat\$3 same (unique adj object adj id) same (generation near2 number)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:50 |
| S25 | 1 | (detect\$3 same multiple near3 link\$2 same inode).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/26 17:51 |

PORTAL

USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

+federating +migrating data file +inode +"distributed system" **SEARCH**

THE ACM DIGITAL LIBRARY

 Feedback Report a problem Satisfaction survey

Terms used federating migrating data file inode distributed system

Found 6 of 198,146

Sort results by relevance Save results to a Binder
 Display results expanded form Search Tips
 Open results in a new window

Try an Advanced Search
 Try this search in The ACM Guide

Results 1 - 6 of 6

Relevance scale 

- 1 [A taxonomy of Data Grids for distributed data sharing, management, and processing](#) 
 Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao
 June 2006 **ACM Computing Surveys (CSUR)**, Volume 38 Issue 1
Publisher: ACM Press
 Full text available:  pdf(1.70 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance networking and wide-area storage management techniques. In this article, we discuss the key concepts behind Data Grids and compare them with other data sharing and distribution paradigms such as content delivery networks, peer-to-peer n ...

Keywords: Grid computing, data-intensive applications, replica management, virtual organizations

- 2 [Ext3cow: a time-shifting file system for regulatory compliance](#) 
 Zachary Peterson, Randal Burns
 May 2005 **ACM Transactions on Storage (TOS)**, Volume 1 Issue 2
Publisher: ACM Press
 Full text available:  pdf(443.01 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The ext3cow file system, built on the popular ext3 file system, provides an open-source file versioning and snapshot platform for compliance with the versioning and auditability requirements of recent electronic record retention legislation. Ext3cow provides a *time-shifting* interface that permits a real-time and continuous view of data in the past. Time-shifting does not pollute the file system namespace nor require snapshots to be mounted as a separate file system. Further, ext3cow is i ...

Keywords: Versioning file systems, copy-on-write

- 3 [A survey of peer-to-peer content distribution technologies](#) 
 Stephanos Androulidakis-Theotokis, Diomidis Spinellis
 December 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 4

Publisher: ACM Press

Full text available: [pdf\(517.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Distributed computer architectures labeled "peer-to-peer" are designed for the sharing of computer resources (content, storage, CPU cycles) by direct exchange, rather than requiring the intermediation or support of a centralized server or authority. Peer-to-peer architectures are characterized by their ability to adapt to failures and accommodate transient populations of nodes while maintaining acceptable connectivity and performance. Content distribution is an important peer-to-peer application ...

Keywords: Content distribution, DHT, DOLR, grid computing, p2p, peer-to-peer

4 LegionFS: a secure and scalable file system supporting cross-domain high-performance applications

 Brian S. White, Michael Walker, Marty Humphrey, Andrew S. Grimshaw
November 2001 **Proceedings of the 2001 ACM/IEEE conference on Supercomputing (CDROM) Supercomputing '01**

Publisher: ACM Press

Full text available: [pdf\(499.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Realizing that current file systems can not cope with the diverse requirements of wide-area collaborations, researchers have developed data access facilities to meet their needs. Recent work has focused on comprehensive data access architectures. In order to fulfill the evolving requirements in this environment, we suggest a more fully-integrated architecture built upon the fundamental tenets of naming, security, scalability, extensibility, and adaptability. These form the underpinning of the Le ...

5 Design considerations for the transformation of MINIX into a distributed operating system

 P. Tobin Maginnis
February 1988 **Proceedings of the 1988 ACM sixteenth annual conference on Computer science CSC '88**

Publisher: ACM Press

Full text available: [pdf\(921.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

MINIX is a version seven UNIX compatible operating system written for the Intel 8088 CPU and IBM-PC circuit package. MINIX is being transformed into a distributed operating system by adding four components to the basic operating system. These include an extended IPC service, network service manager, resource manager, and communication manager. Design considerations include a definition of Distributed Operating Systems (DOSSs), a description of existing DOSSs, a description of operating system ...

6 Short papers -- works in progress: Toward a threat model for storage systems

 Ragib Hasan, Suvda Myagmar, Adam J. Lee, William Yurcik
November 2005 **Proceedings of the 2005 ACM workshop on Storage security and survivability StorageSS '05**

Publisher: ACM Press

Full text available: [pdf\(258.24 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The growing number of storage security breaches as well as the need to adhere to government regulations is driving the need for greater storage protection. However, there is the lack of a comprehensive process to designing storage protection solutions. Designing protection for storage systems is best done by utilizing proactive system engineering rather than reacting with ad hoc countermeasures to the latest attack du

jour. The purpose of threat modeling is to organize system threats and vulnera ...

Keywords: security, storage system, threat model

Results 1 - 6 of 6

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


PALM INTRANET

Day : Monday
 Date: 2/26/2007
 Time: 17:53:35

Inventor Name Search Result

Your Search was:

Last Name = BECKER-SZENDY

First Name = RALPH

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|---------------------|----------------|---------------|-------------------|---|-----------------------------|
| <u>09843930</u> | <u>7050956</u> | 150 | 04/30/2001 | METHOD AND APPARATUS FOR MORPHOLOGICAL MODELING OF COMPLEX SYSTEMS TO PREDICT PERFORMANCE | BECKER-SZENDY, RALPH |
| <u>09865999</u> | <u>6934673</u> | 150 | 05/25/2001 | METHOD AND APPARATUS FOR PREDICTING MULTI-PART PERFORMABILITY | BECKER-SZENDY, RALPH |
| <u>10234889</u> | Not Issued | 41 | 09/03/2002 | Technique for programmatically obtaining experimental measurements for model construction | BECKER-SZENDY, RALPH |
| <u>10427035</u> | <u>7124131</u> | 150 | 04/29/2003 | DISCIPLINE FOR LOCK REASSERTION IN A DISTRIBUTED FILE SYSTEM | BECKER-SZENDY, RALPH A. |
| <u>10427391</u> | <u>7139781</u> | 150 | 04/29/2003 | MANAGING FILESYSTEM VERSIONS | BECKER-SZENDY, RALPH A. |
| <u>10427403</u> | <u>7085909</u> | 150 | 04/29/2003 | METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING COPY-ON-WRITE OF A FILE | BECKER-SZENDY, RALPH A. |
| <u>10723750</u> | Not Issued | 71 | 11/25/2003 | System, method, and service for federating and optionally migrating a local file system into a distributed file system while preserving local access to existing data | BECKER-SZENDY, RALPH ATTILA |
| <u>11388524</u> | Not Issued | 25 | 03/24/2006 | System and method for managing storage system performance as a resource | BECKER-SZENDY, RALPH ATTILA |

Inventor Search Completed: No Records to Display.

| | |
|--|------------------------------------|
| Last Name | First Name |
| <input type="text" value="BECKER-SZENDY"/> | <input type="text" value="RALPH"/> |
| <input type="button" value="Search"/> | |

To go back use Back button on your browser toolbar.

Inventor Name Search Result

[Back to PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

http://expoweb1:8002/cgi-bin/expo/InvInfo/invquery.pl?FAM_NAM=BECKER-SZENDY&GIV_NAM=RALPH


PALM INTRANET

Day : Monday
 Date: 2/26/2007
 Time: 17:53:58

Inventor Name Search Result

Your Search was:

Last Name = SIVAN-ZIMET

First Name = MIRIAM

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|------------|--------|------------|---|---------------------|
| 10723750 | Not Issued | 71 | 11/25/2003 | System, method, and service for federating and optionally migrating a local file system into a distributed file system while preserving local access to existing data | SIVAN-ZIMET, MIRIAM |

Inventor Search Completed: No Records to Display.

| | |
|--|-------------------------------------|
| Last Name | First Name |
| <input type="text" value="SIVAN-ZIMET"/> | <input type="text" value="MIRIAM"/> |
| <input type="button" value="Search"/> | |

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)